LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
Data File : BF114495.D
Acq On : 22 May 2019 20:47
Operator : JU/SJ
Sample : K2971-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-2A-C-2-052019

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.457	570	573	598	rBV	2275463	2751946	92.06%	9.662%
2	6.475	742	746	764	rBV	2571532	2936409	98.23%	10.310%
3	6.604	764	768	783	rVB	3219350	2848469	95.29%	10.001%
4	6.828	803	806	816	rBV	1134400	935233	31.29%	3.284%
5	6.986	829	833	847	rBV	2306977	2170593	72.61%	7.621%
6	7.392	898	902	920	rBV	1632705	1794522	60.03%	6.301%
7	8.110	1021	1024	1043	rBV	1110954	1201386	40.19%	4.218%
8	9.186	1203	1207	1219	rBV	3168085	2989301	100.00%	10.496%
9	9.580	1271	1274	1282	rBV	276061	278264	9.31%	0.977%
10	9.863	1319	1322	1334	rBV	1244427	1281805	42.88%	4.501%
11	10.657	1453	1457	1472	rBV	1646208	1786958	59.78%	6.274%
12	11.351	1572	1575	1586	rBV	1209158	1301355	43.53%	4.569%
13	11.874	1661	1664	1672	rBV4	53620	86144	2.88%	0.302%
14	12.574	1779	1783	1787	rBV	32112	33325	1.11%	0.117%
15	12.804	1816	1822	1829	rVB	31808	39329	1.32%	0.138%
16	12.927	1840	1843	1852	rBV	2416864	2376887	79.51%	8.346%
17	13.827	1990	1996	1997	rBV2	27247	35861	1.20%	0.126%
18	13.857	1997	2001	2016	rVV6	83710	303726	10.16%	1.066%
19	13.957	2016	2018	2021	rVV	47298	46899	1.57%	0.165%
20	13.998	2021	2025	2036	rVB	947459	1030959	34.49%	3.620%
21	14.139	2046	2049	2056	rVB2	45917	47729	1.60%	0.168%
22	14.445	2097	2101	2104	rBV	79468	87217	2.92%	0.306%
23	14.745	2148	2152	2155	rBV	116620	116186	3.89%	0.408%
24	14.821	2162	2165	2168	rVB2	33985	34764	1.16%	0.122%
25	15.074	2204	2208	2214	rVB	140827	156646	5.24%	0.550%
26	15.462	2267	2274	2285	rVB2	814650	1279795	42.81%	4.494%
27	15.874	2339	2344	2352	rVB	179883	271213	9.07%	0.952%
28	16.368	2423	2428	2434	rBV	107501	188836	6.32%	0.663%
29	16.951	2522	2527	2531	rBV2	41100	69028	2.31%	0.242%

Sum of corrected areas: 28480785

LSC Report - Integrated Chromatogram

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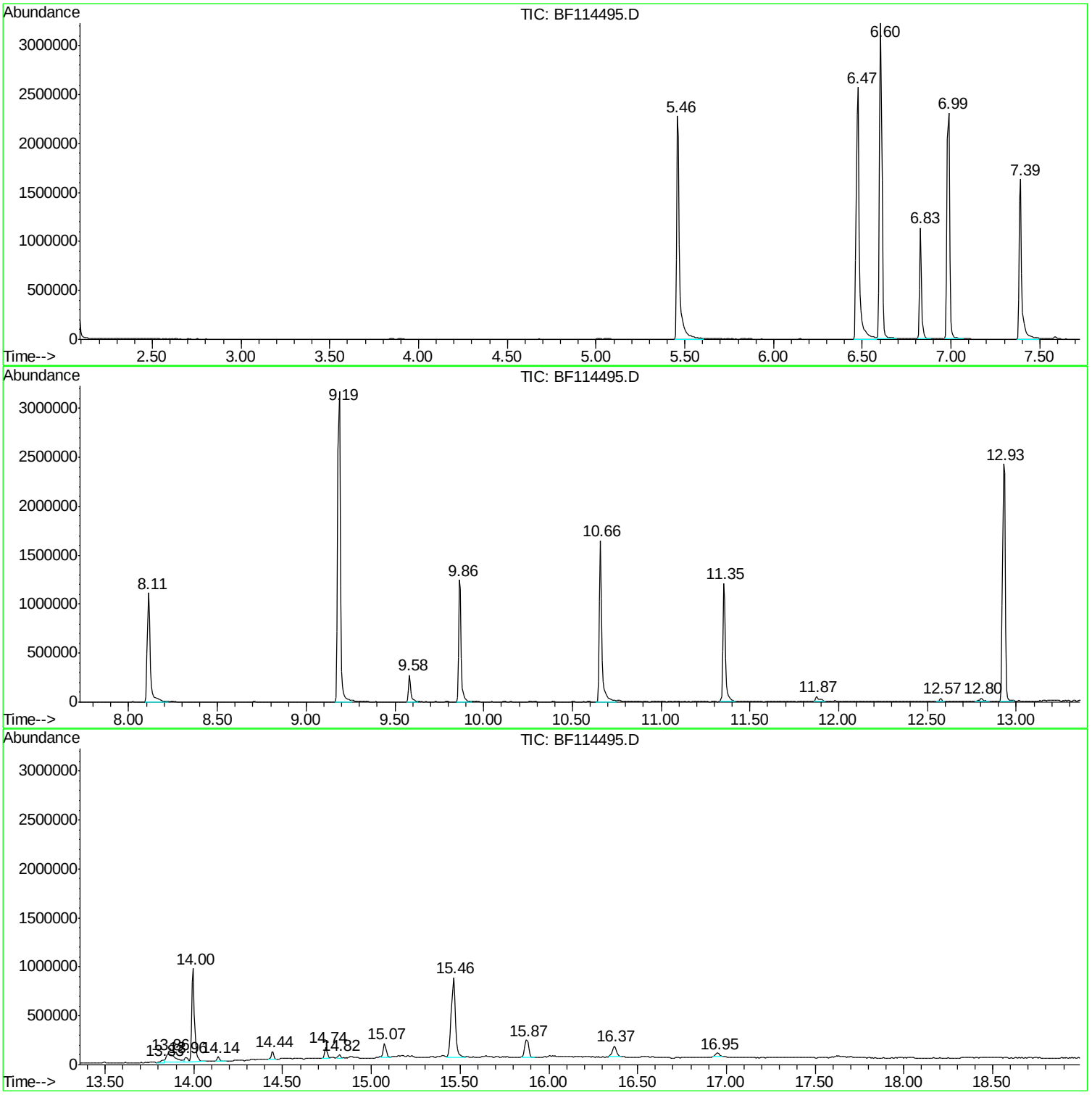
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-2A-C-2-052019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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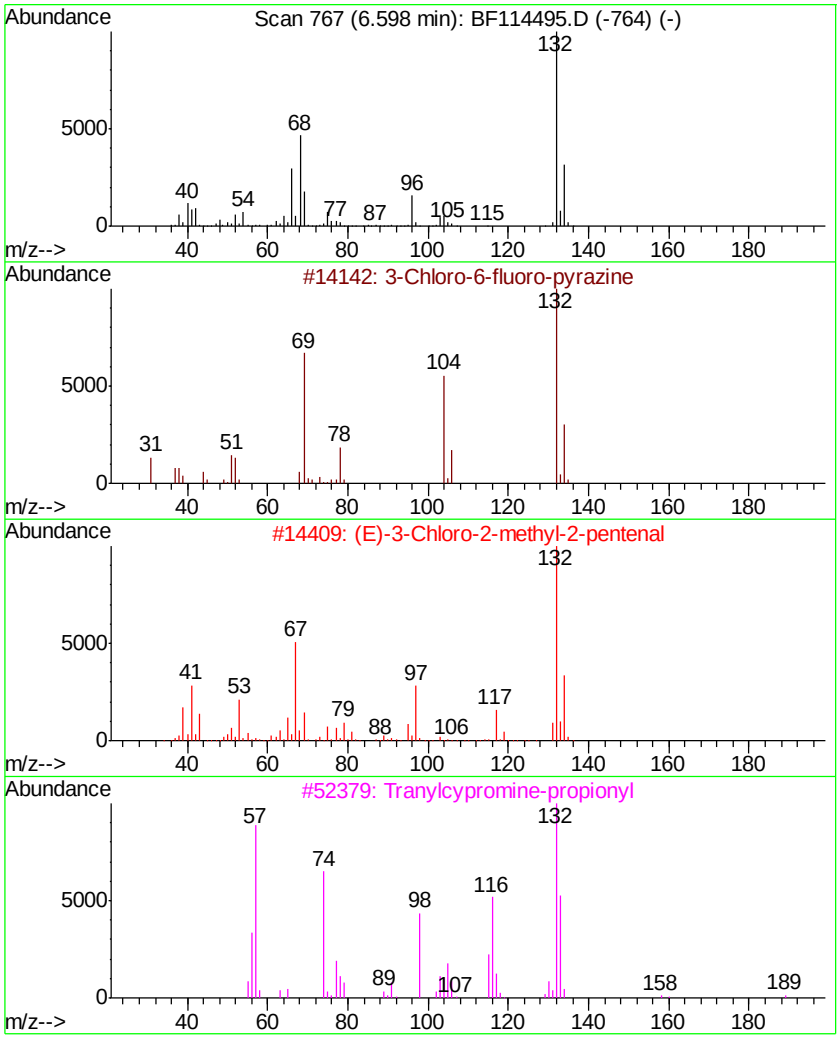
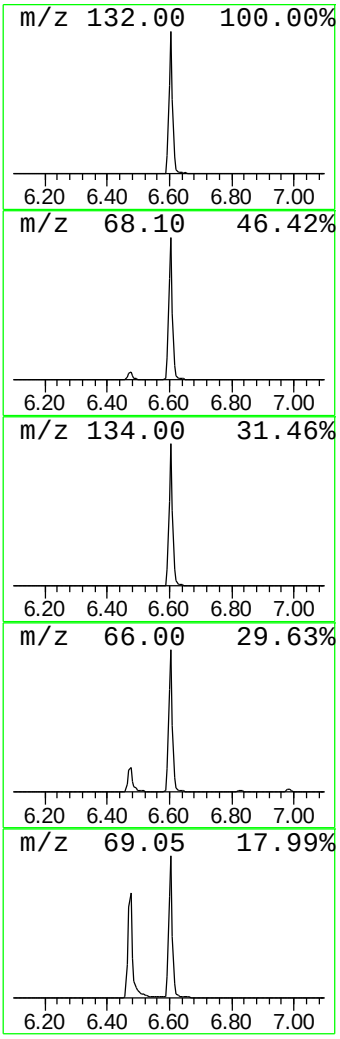
Peak Number 1 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	60.91 ng	2848470	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Xenon	132	Xe	007440-63-3	9





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Instrument : BNA_F
ClientSampleId : SUP-2A-C-2-052019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
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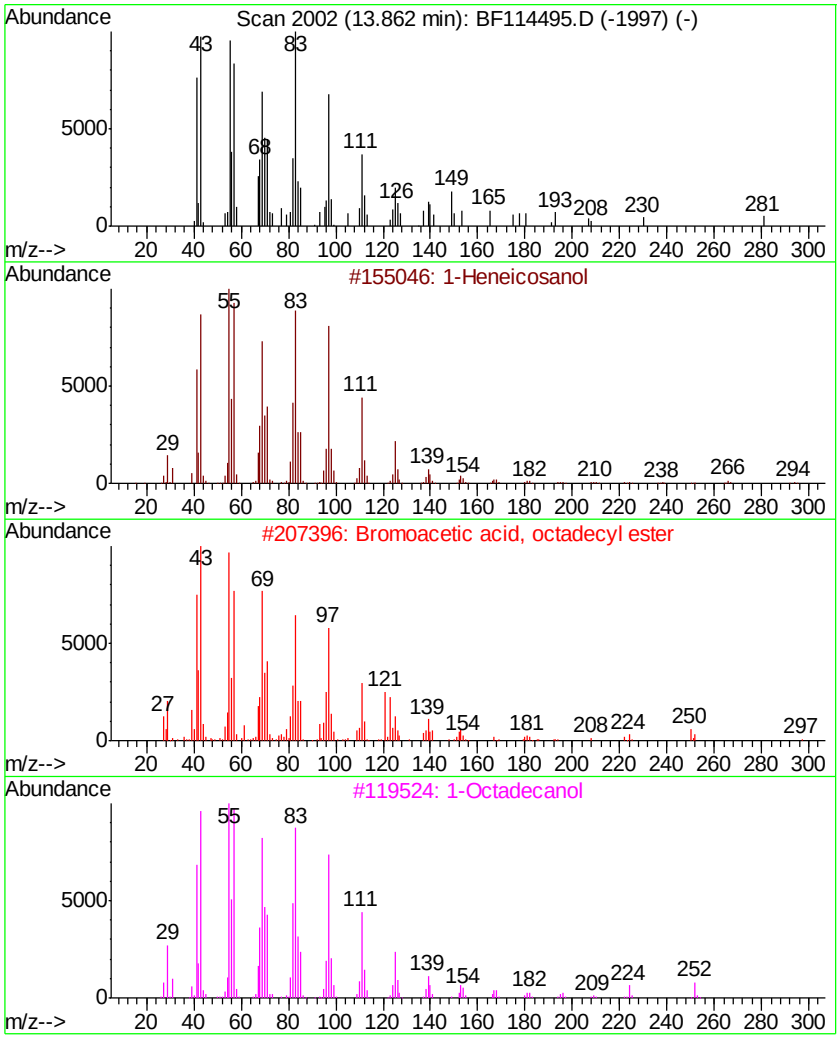
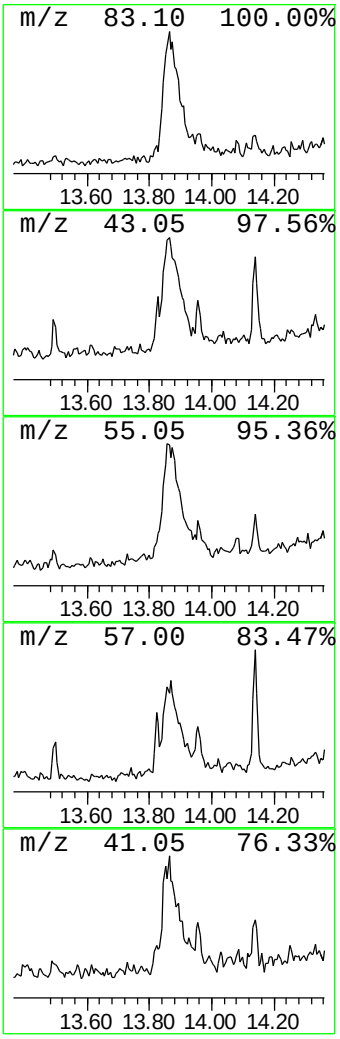
Peak Number 3 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	5.89 ng	303726	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	94
3	1-Octadecanol	270	C18H38O	000112-92-5	93
4	1-Hexadecanol	242	C16H34O	036653-82-4	91
5	n-Heptadecanol-1	256	C17H36O	001454-85-9	91





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : SUP-2A-C-2-052019

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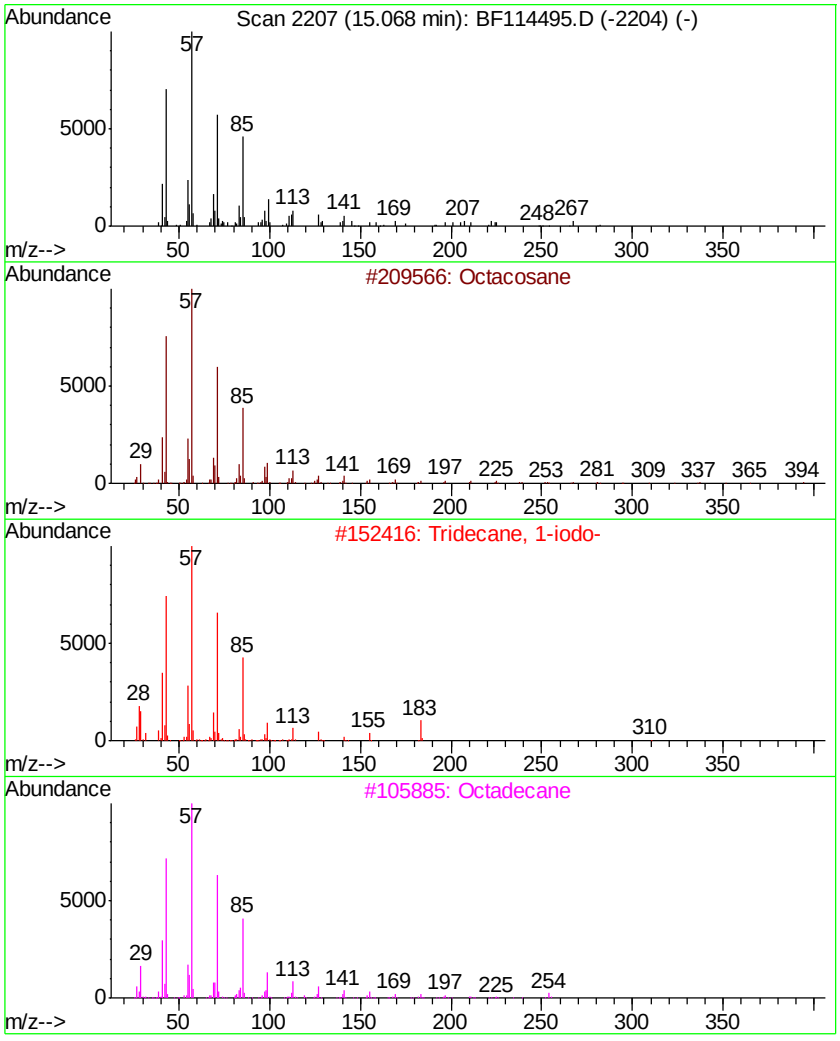
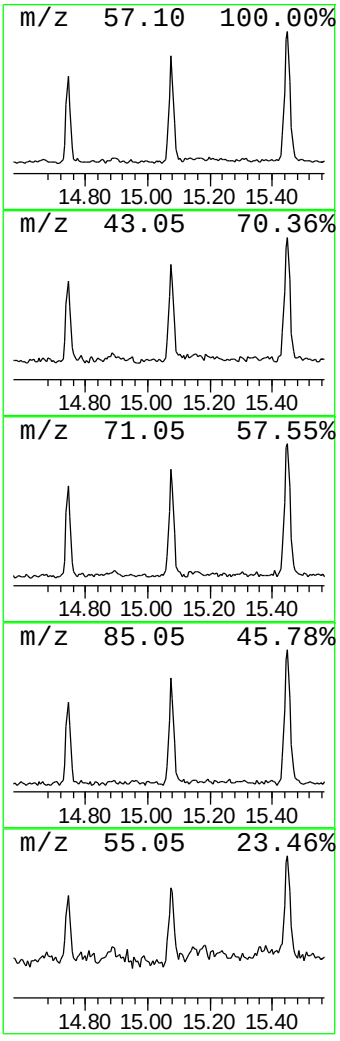
Peak Number 4 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	2.45 ng	156646	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
3	Octadecane	254	C18H38	000593-45-3	87
4	2-methyloctacosane	408	C29H60	1000376-72-8	87
5	Tetracosane	338	C24H50	000646-31-1	87





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Misc :
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Instrument : BNA_F
ClientSampleId : SUP-2A-C-2-052019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
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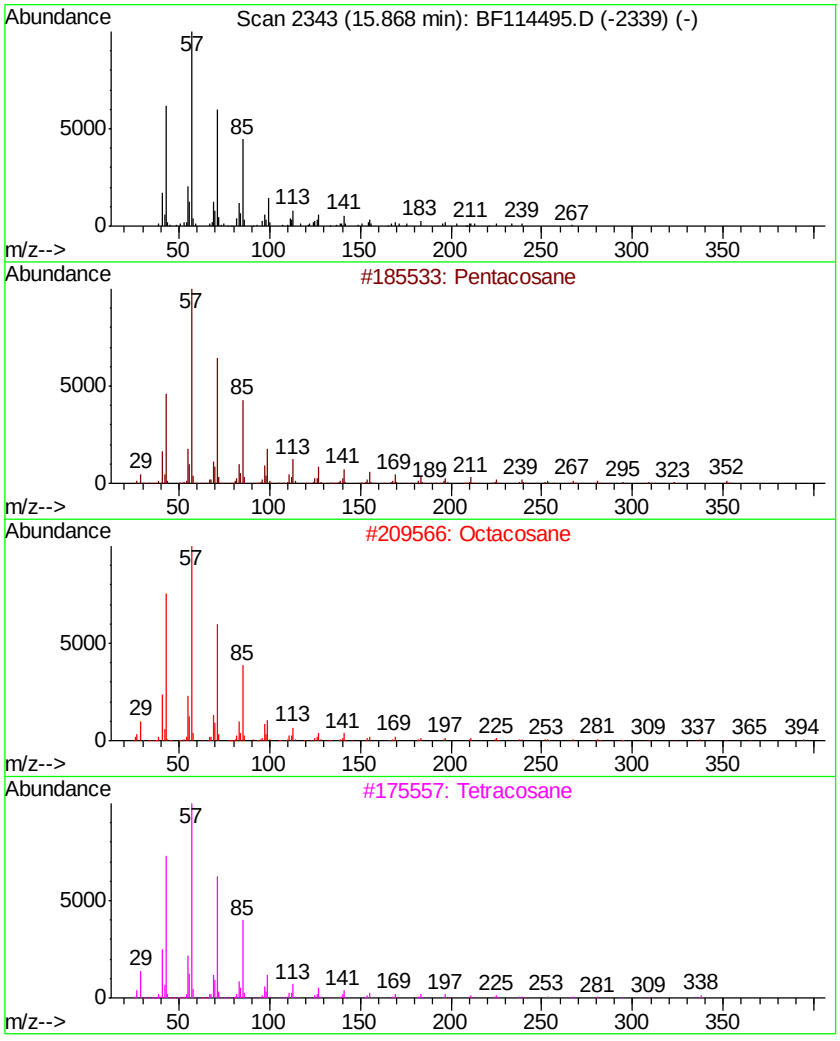
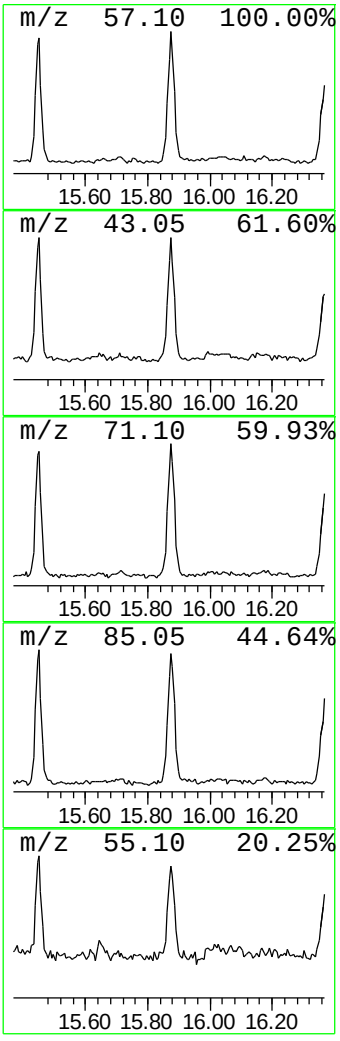
Peak Number 5 Pentacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	4.24 ng	271213	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Tetracosane	338	C24H50	000646-31-1	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Heptacosane	380	C27H56	000593-49-7	87





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Sample : K2971-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-2A-C-2-052019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
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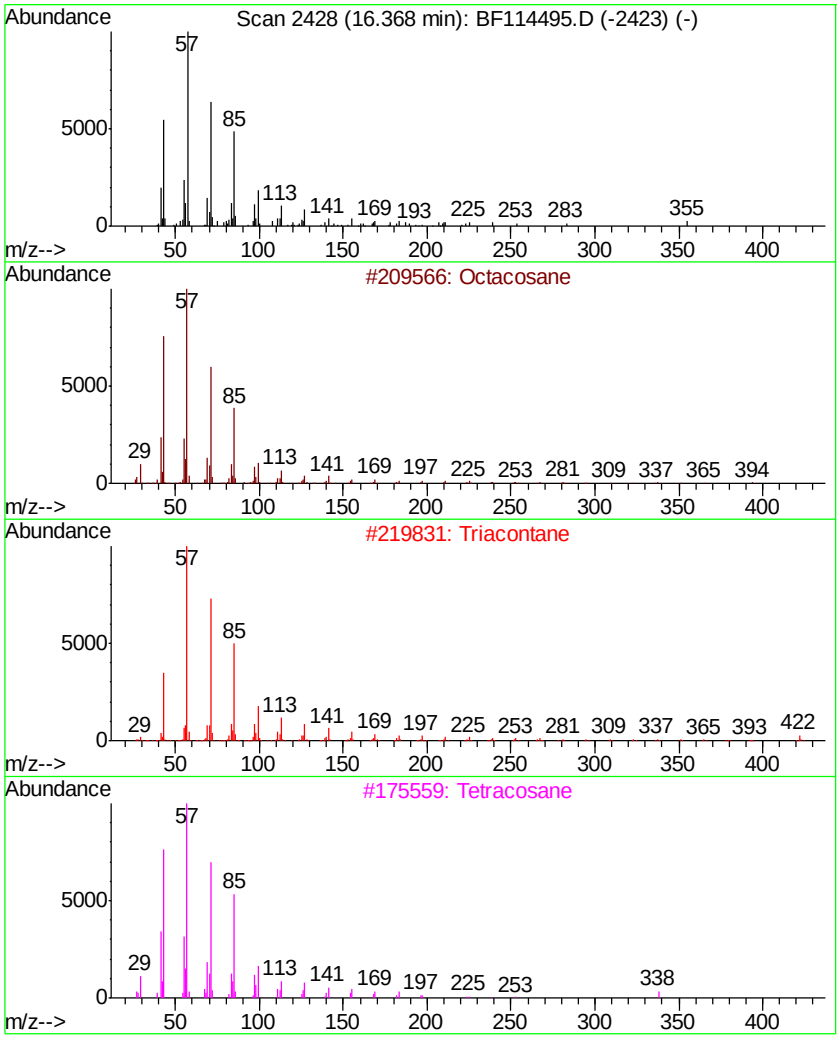
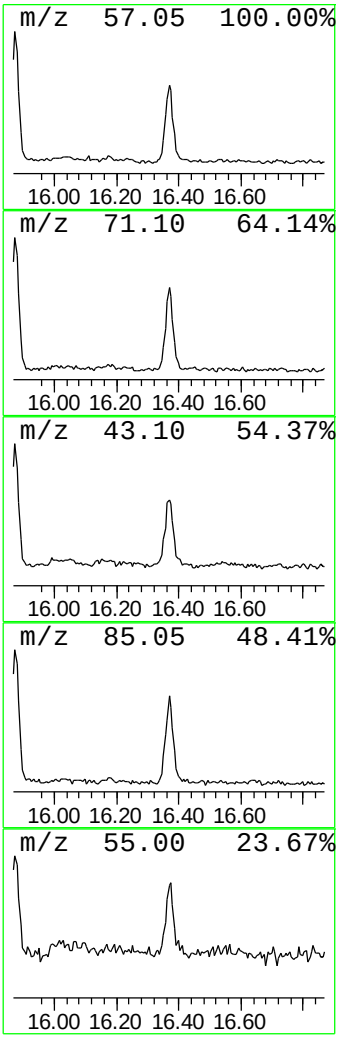
Peak Number 6 Triacontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	2.95 ng	188836	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Triacontane	422	C30H62	000638-68-6	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Hexacosane	366	C26H54	000630-01-3	87
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.60	6.60	60.9	ng	2848470	1	6.83	935233	20.0
1-Heneicosanol	13.86	5.9	ng	303726	5	14.00	1030960	20.0
Octacosane	15.07	2.5	ng	156646	6	15.46	1279800	20.0
Pentacosane	15.87	4.2	ng	271213	6	15.46	1279800	20.0
Triacontane	16.37	3.0	ng	188836	6	15.46	1279800	20.0